

†Electronic Supplementary Information (ESI) for

YGa_{1-x}Mn_xO₃: A Novel Purple Inorganic Pigment

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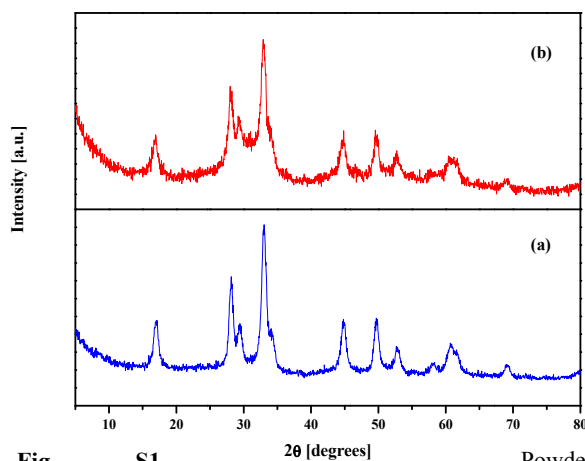


Fig. S1 Powder XRD patterns of YAl_{1-x}Mn_xO₃ for x = 0.05 and x = 0.10.

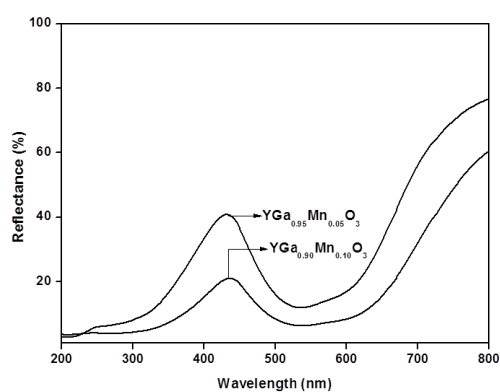
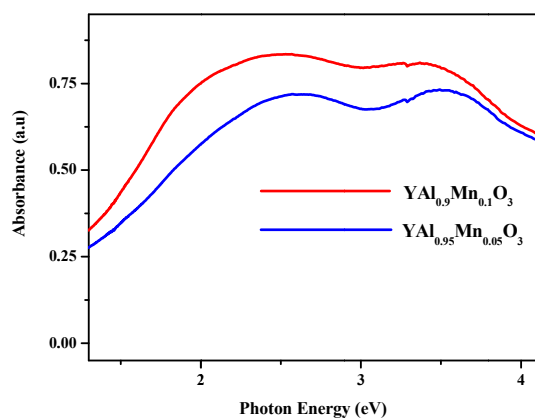


Fig. S2 Diffuse reflectance spectra of YAl_{1-x}Mn_xO₃ for x = 0.05 and x = 0.10.

Fig. S3 Diffuse reflectance spectra of YGa_{1-x}Mn_xO₃ for x = 0.05 and x = 0.10.

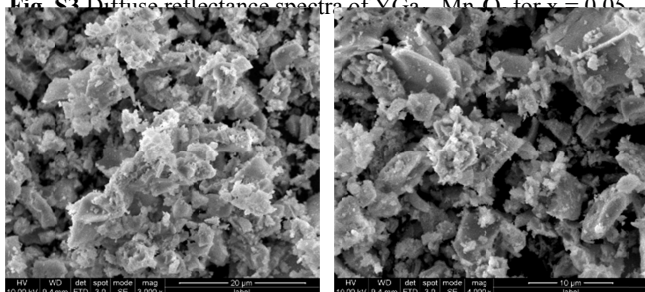


Fig. S4 SEM images of $\text{YGa}_{0.95}\text{Mn}_{0.05}\text{O}_3$. SEM and EDX data were recorded on a FEI ESEM Quanta 200

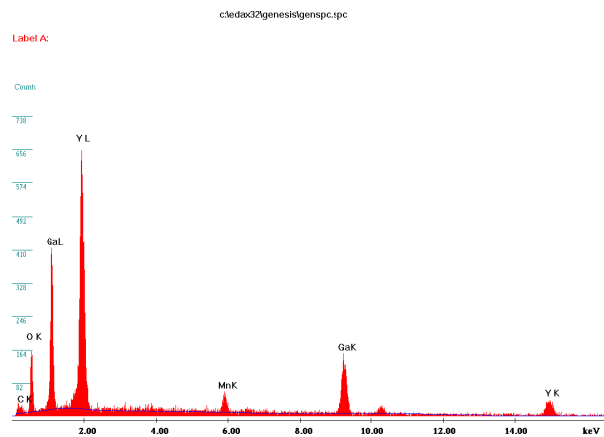


Fig. S5 EDX analysis of $\text{YGa}_{0.95}\text{Mn}_{0.05}\text{O}_3$

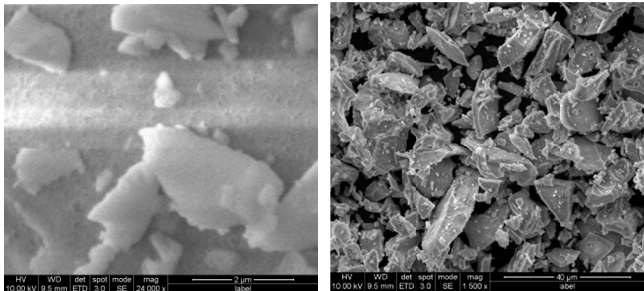


Fig. S6 SEM images of $\text{YGa}_{0.9}\text{Mn}_{0.1}\text{O}_3$

Fig. S7 EDX analysis of $\text{YGa}_{0.9}\text{Mn}_{0.1}\text{O}_3$

